Amendments to the Claims:

Please amend claim 61 and cancel claims 62 and 63 as shown in the following listing of claims. This listing of claims will replace all prior versions and listings of claims in the application.

Claims 1-60 (cancelled)

61. (currently amended) An integrated circuit communication device configured for operation over a multi-pair transmission channel, the communication device comprising:

a decision feedback sequence estimation (DFSE) circuit, for decoding an input sample into a final decision corresponding to a codeword of a trellis code having N states, the DFSE including a single state decision feedback equalizer, the single state decision feedback equalizer having a set of ordered coefficients, the decision feedback equalizer defining a coefficient related tail value and a low order subset of coefficient values, wherein the single state decision feedback equalizer has a width dimension D, wherein the width dimension D corresponds to the number of pairs defining the multi-pair transmission channel.

Claims 62-159 (cancelled)